

# Metaflex Medicare Intelligence

**In healthcare, the prevention of misunderstandings, incidents, and errors can save lives. How can a hermetically sealing door system contribute to this? 'People make mistakes because the systems, tasks, and processes with which they work are poorly designed.' (PROF. Lucian leape, Harvard School of Public Health)**

**Medicare Intelligence** reminds, instructs, and warns people on the basis of uniform instructions and intuitive LED warnings. The door is an intelligent information carrier about, for example, latex allergy or radiological activity. This creates or increases attention and contributes to enduring behavioural change, ultimately increasing the safety of the environment. The Intelligence is also a high-quality door system. Thanks to the airtight seal (Peutz), rooms can be optimally conditioned. Metaflex Intelligence is also available in a radiation-resistant version.



*Automated or manual sliding door*



*Hygienic flat finish*



*Airtight according to ANSI/UL 1784*



*Smoke resistant according to EN 1634-3*



*Radiation-resistant version also available*



*CE marked*



# Metaflex Medicare Intelligence



## Dimensions

Clear width:  
800 to 2,100 mm

Clear height:  
2,100 to 2,800 mm

## Automation (optional)

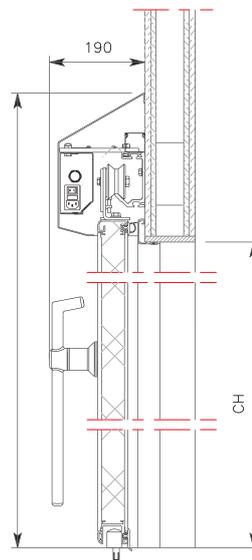
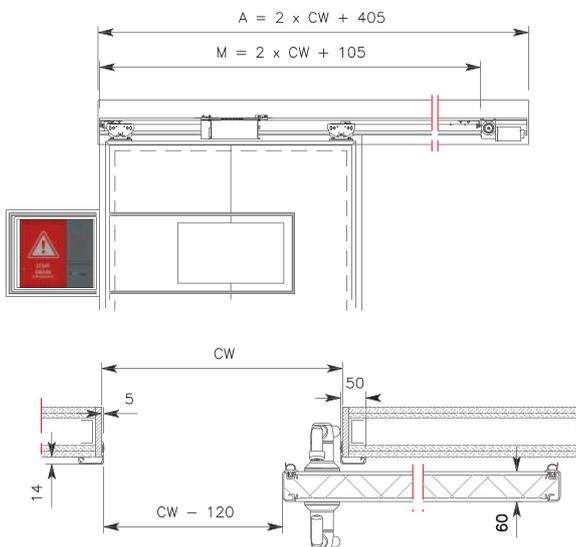
Available with powerful and reliable Metaflex automation.

Automation consisting of a motor, drive, and controller is concealed under the cover. The opening and closing time is variably adjustable up to 0.8 m/s. Equipped with obstacle protection in the reveal opening. The system complies with machine guidelines and is compatible with EN16005 safety regulations. Comes standard with human passage and lock function with up to three other doors

Various options for operation and protection available.

- Door leaf** The door leaf has a thickness of 60 mm, has a polyurethane core (CFC free) with an MDF barrier layer on both sides, and is finished with 0.7 mm high-pressure laminate (HPL). The aluminium border has rounded corners and is flush with the door leaf.
- Seal** All-round sealing profile of EPDM quality, FDA approved, and easily replaceable. When closed, the rubber is pressed against the frame and floor for a complete air and smoke-tight seal.
- Frame** Choice of one-sided stop profile, Malmö, Halmstad, Oslo, or Helsinki frame.
- Rail** Low-noise aluminium rail construction with indentation, type MF5. The placement of the nylon wheels on the rails prevents the adherence of dirt and wear.
- Cover** Detachable cover type Low, High, Ceiling, or Cove. Made from aluminium RAL 9006 or 9010, with a plastic headboard on either side or completely made of stainless steel.
- Operation** Stainless-steel inside/outside opener with lever mechanism, allowing for the door to be opened effortlessly.
- Optional**
  - Various options for operation and protection
  - Window 600 x 400 and blind options
  - Lead insert 1-3 mm
  - Medical grounding: potential equalisation or insulated
  - Imagine foil
- Certificates**
  - Airtight up to an overpressure of up to 100 Pa according to ANSI/UL 1784:1997, recorded in Peutz report B1080-2.
  - Noise reducing up to  $R_{w,d} = 28$  dB (door leaf value) and  $R_{w,p} = 27$  dB (practice value), according to ISO10140-2:2010 and ISO 717-1:2013, recorded in Peutz report A 2641-1-RA-001.
  - Hot (S200) and cold (Sa) smoke resistant according to EN 1634-3:2004 and EN 13501-2.
  - CE marked according to Machinery Directive 2006/42/EC, Low Voltage Directive 2014/35/EC, EMC Directive 2014/30/EC.

In this review we will give you an idea of our capabilities. We offer not only standard solutions but also custom solutions. Would you like more information? Please contact us, we will gladly think along and advise you.



A =	Automatic
M =	Manual
CW =	Clear Width
CH =	Clear Height